

What is claimed is:

1 1. A wireless communication terminal comprising:
2 wireless communication circuitry for establishing a wireless
3 communication channel to a network;
4 an internal power source and an external power source;
5 control circuitry for energizing the wireless communication terminal
6 with said external power source and energizing the wireless communication
7 terminal with said internal power source when said external power source is
8 faulty; and
9 monitor circuitry for monitoring said external power source and
10 sending a message from said wireless communication circuitry to said
11 network when said communication terminal is operating with said internal
12 power source.

1 2. The wireless communication terminal of claim 1, wherein said
2 monitor circuitry transmits said message when no call is in progress and
3 transmits a second message from said wireless communication circuitry to
4 said network when said communication terminal is operating with said
5 internal power source when a call is in progress.

1 3. The wireless communication terminal of claim 1, wherein said
2 message indicates that the internal power source is producing a voltage
3 which is lower than a critical level.

1 4. The wireless communication terminal of claim 2, wherein said
2 second message indicates that the internal power source is producing a

3 voltage which is lower than a critical level.

1 5. The wireless communication terminal of claim 2, wherein said
2 wireless communication channel is a fixed wireless access (FWA) channel.

1 6. The wireless communication terminal of claim 5, wherein said
2 messages are sent in a data format specified by ANSI/(American National
3 Standard Institute)/TIA (Telecommunications Industry Association)/EIA
4 (Electronic Industries Alliance)-95B standard.

1 7. A wireless communication network comprising:
2 a base station;
3 a base station controller connected to said base station;
4 a wireless communication terminal including:
5 wireless communication circuitry for establishing a wireless
6 communication channel to said base station;
7 an internal power source and an external power source;
8 control circuitry for energizing the wireless communication
9 terminal with said external power source and energizing the wireless
10 communication terminal with said internal power source when said external
11 power source is faulty; and
12 monitor circuitry for monitoring said external power source and
13 sending a message from said wireless communication circuitry to said base
14 station controller via said base station when said communication terminal is
15 operating with said internal power source.

1 8. The wireless communication network of claim 7, wherein said

2 monitor circuitry transmits said message when no call is in progress and
3 transmits a second message from said wireless communication circuitry to
4 said base station controller when said communication terminal is operating
5 with said internal power source when a call is in progress.

1 9. The wireless communication network of claim 7, wherein said
2 message indicates that the internal power source is producing a voltage
3 which is lower than a critical level.

1 10. The wireless communication network of claim 8, wherein said
2 second message indicates that the internal power source is producing a
3 voltage which is lower than a critical level.

1 11. The wireless communication network of claim 8, wherein said
2 wireless communication channel is a fixed wireless access (FWA) channel.

1 12. The wireless communication network of claim 11, wherein said
2 message is sent in a data format specified by ANSI/(American National
3 Standard Institute)/TIA (Telecommunications Industry Association)/EIA
4 (Electronic Industries Alliance)-95B standard.

1 13. A method of controlling a wireless communication terminal,
2 wherein the terminal comprises a wireless communication circuitry for
3 establishing a wireless communication channel to a network, an internal
4 power source and an external power source, the method comprising the steps
5 of:

6 a) energizing the wireless communication terminal with said

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external power source and energizing the wireless communication terminal with said internal power source when said external power source is faulty;

b) monitoring said external power source; and

c) sending a message from said wireless communication circuitry to said network when said communication terminal is operating with said internal power source.

14. The method of claim 13, wherein the step (c) includes the steps of sending said message when no call is in progress and sending a second message from said wireless communication circuitry to said network when said communication terminal is operating with said internal power source when a call is in progress.

15. The method of claim 13, wherein said message indicates that the internal power source is producing a voltage which is lower than a critical level.

16. The method of claim 14, wherein said second message indicates that the internal power source is producing a voltage which is lower than a critical level.

17. The method of claim 14, wherein said wireless communication channel is a fixed wireless access (FWA) channel.

18. The method of claim 17, wherein said messages are sent in a data format specified by ANSI/(American National Standard Institute)/TIA (Telecommunications Industry Association)/EIA (Electronic Industries Alliance)-95B standard.